

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (previously presented): A transgenic mouse whose genome comprises a polynucleotide encoding a soluble marker protein functionally linked to a regulatory sequence of an endogenous gene encoding E-selectin wherein the polynucleotide encoding a soluble marker protein is inserted into a region of an E-selectin gene of a chromosomal E-selectin allele of the mouse, which is between a transcription start site and a translation start site of the E-selectin gene, wherein the mouse expresses the soluble marker protein by endothelial cells and the expression is regulatable by chemical or physical stimulus, and wherein the polynucleotide comprises SEQ ID NO:11 or SEQ ID NO:12.

Claims 2-18 (canceled).